

Converting Colors

YUV(209.0240, -57.1998,
-40.3630)

Have a look what the booklet for
YUV(209.0240, -57.1998, -40.3630)
contains.

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Color

**YUV(209.0240, -57.1998,
-40.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	A3FF5D
RGB	163, 255, 93
RGB Percent	64%, 100%, 36%
CMY	0.3608, 0.0000, 0.6353
CMYK	0.36, 0.00, 0.64, 0.00
HSL	94°, 100%, 68%
HSV	94°, 64%, 100%
XYZ	52.8400, 80.0968, 23.0312
YIQ	209.0240, -2.8300, -69.8860

Conversions

Conversions Part 2

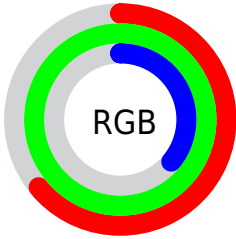
Format	Color
RYB	93, 255, 185
Decimal	10747741
CIELab	91.73, -53.22, 66.57
CIELCh	92, 85.229, 128.638
Yxy	80.0968, 0.3388, 0.5135
Android (android.graphics.Color)	4288937821 (0xFFA3FF5D)
YUV	209.0240, -57.1998, -40.3630
Hunter-Lab	89.4968, -51.2309, 47.3900

Details

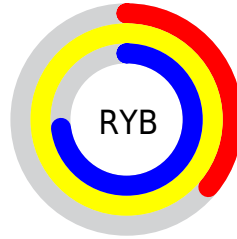
The YUV color **209.0240, -57.1998, -40.3630** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **138.9760, 57.1998, 40.3630**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.0490, -41.4362, -9.6900**, and **150.8560, -59.0890, -41.0927** is the 20% darker color. If you saturate the color by 10%, you get **201.8740, -66.4929, -46.3705**, and if you desaturate by 10%, it is **216.1740, -47.9068, -34.3556**.

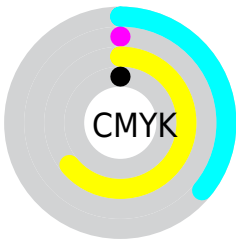
Distribution



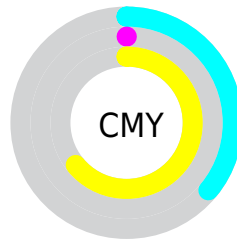
- Red (64%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (73%)



- Cyan (36%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)



- Cyan (36%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.0240, -57.1998, -40.3630 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 209.0240, -57.1998, -40.3630 by changing the saturation by 10% instead.

■ 209.0240,
-57.1998, -40.3630

■ 209.0240,
-57.1998, -40.3630

255.0000, 0.0000,
0.0000

■ 180.0240,
-57.1998, -40.3630

■ 233.0490,
-41.4362, -9.6900

■ 150.8560,
-59.0890, -41.0927

■ 245.6240,
-33.3386, 6.4688

■ 121.9160,
-60.1046, -42.0223

■ 249.5280,
-20.9663, 4.7989

■ 95.6020, -47.1318,
-49.6400

■ 252.8340, -8.2992,
1.8996

■ 68.0920, -33.5694,
-59.7167

■ 53.4170, -26.3346,
-46.8467

■ 38.7420, -19.0998,

-33.9767

■ 25.8280, -12.7332,
-22.6512

■ 7.0440, -3.4727,
-6.1776

■ 209.0240,
-57.1998, -40.3630

■ 209.0240,
-57.1998, -40.3630

■ 201.8740,
-66.4929, -46.3705

■ 216.1740,
-47.9068, -34.3556

■ 194.5390,
-75.2017, -53.0927

■ 223.5090,
-39.1979, -27.6334

■ 187.3890,
-84.4948, -59.1002

■ 230.6590,
-29.9049, -21.6259

■ 182.5750,
-90.0095, -63.6483

■ 237.9940,
-21.1960, -14.9037

■ 245.1440,
-11.9030, -8.8963

■ 252.4790, -3.1941,
-2.1741

255.0000, 0.0000,
0.0000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.1240, -85.3501, 28.8323



209.0240, -57.1998, -40.3630



168.8370, -0.4126, -148.0700

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



209.0240, -57.1998, -40.3630



178.7550, 37.5888, -156.7681



189.5230, 10.5882, 57.4233

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



209.0240, -57.1998, -40.3630



138.9760, 57.1998, 40.3630

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



202.1700, 26.0452, 46.3319



209.0240, -57.1998, -40.3630



193.6480, 30.2465, -88.2683

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



209.0240, -57.1998, -40.3630



178.7550, 37.5888, -156.7681



222.1280, 16.2059, 28.8287



192.3710, -29.2699, 54.9256

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



209.0240, -57.1998, -40.3630



175.3350, 24.4848, -153.7688



222.1280, 16.2059, 28.8287



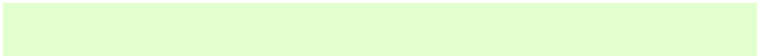
193.3020, 22.5291, 54.1091

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



209.0240, -57.1998, -40.3630



241.1560, -16.8389, -12.4148



195.4420, -50.5039, 52.2324



119.4970, -10.5980, -7.4519



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



209.0240, -57.1998, -40.3630



199.9940, -68.5240, -48.2297



189.3480, -42.0766, -84.4972



124.1260, -4.4991, -3.6185



136.9340, -67.5085, -47.3001



45.9400, -22.6484, -15.7334

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



138.9760, 57.1998, 40.3630



116.0060, 68.5240, 48.2297



158.6520, 42.0766, 84.4972



118.5750, 4.6465, 3.0037



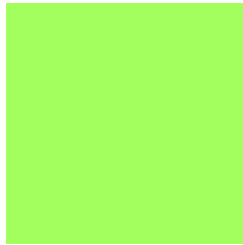
54.3650, 67.3611, 47.9149



18.0600, 22.6484, 15.7334

Previews

White Background



This preview shows how the YUV color 209.0240, -57.1998, -40.3630 looks on a white background.

Color Contrast Check

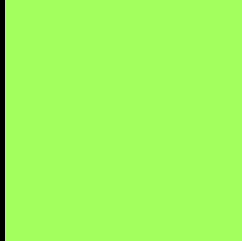
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 209.0240, -57.1998, -40.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

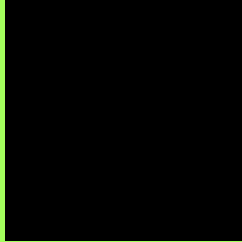
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 209.0240, -57.1998, -40.3630 Background



This preview shows how black text looks on a background with the YUV color 209.0240, -57.1998, -40.3630.



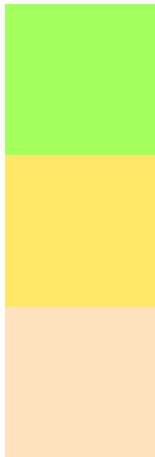
This preview shows how white text looks on a background with the YUV color 209.0240, -57.1998, -40.3630.

-40.3630.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

209.0240, -57.1998, -40.3630

Protanopia

223.2250, -58.2849, 27.8667

Deuteranopia

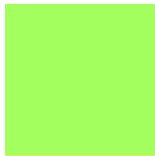
229.8660, -20.1469, 22.0425



Tritanopia

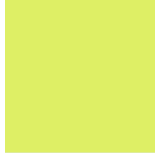
226.4830, 14.0589, -29.3646

Trichromacy



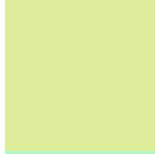
Original Color

209.0240, -57.1998, -40.3630



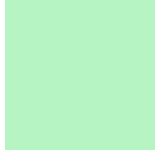
Protanomaly

218.1850, -57.7722, 3.3458



Deuteranomaly

222.4660, -33.7537, -0.4087



Tritanomaly

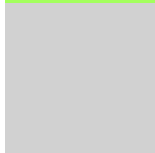
219.9900, -11.8271, -33.3172

Monochromacy



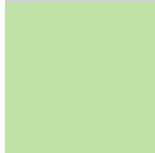
Original Color

209.0240, -57.1998, -40.3630



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

209.1080, -20.7592, -15.0037

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.0240, -57.1998, -40.3630 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(163, 255, 93)` looks like.

```
.text, #text, p{  
    color:rgb(163, 255, 93)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(163, 255, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 255, 93) }
```

Border

The CSS property to change the border of an element to YUV 209.0240, -57.1998, -40.3630 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 255, 93) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(163, 255, 93) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(163, 255, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 255, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 255, 93);  
box-shadow:4px 4px 4px 4px rgb(163, 255,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 209.0240, -57.1998, -40.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 255, 93) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(163,  
255, 93) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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